

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 04FREF013PC	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.		
International application No. PCT/KR2004/000692	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"> International filing date (day/month/year) 26 MARCH 2004 (26.03.2004) </td> <td style="width: 50%; border: none;"> (Earliest) Priority Date (day/month/year) 28 MARCH 2003 (28.03.2003) </td> </tr> </table>	International filing date (day/month/year) 26 MARCH 2004 (26.03.2004)	(Earliest) Priority Date (day/month/year) 28 MARCH 2003 (28.03.2003)
International filing date (day/month/year) 26 MARCH 2004 (26.03.2004)	(Earliest) Priority Date (day/month/year) 28 MARCH 2003 (28.03.2003)		
Applicant LG ELECTRONICS INC. et al			

This International search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 3 sheets.

☐ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. ☐ Certain claims were found unsearchable (See Box No. II)

3. ☐ Unity of invention is lacking (See Box No. III)

4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

a. the figure of the drawings to be published with the abstract is Figure No. 2

☒ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

b. ☐ none of the figure is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2004/000692

A. CLASSIFICATION OF SUBJECT MATTER**IPC7 F25D 11/02**

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC F25D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Korean Patents and applications for inventions since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
eKIPASS "refrigerator&dispenser&(ice*cold-water)"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 11-304331(TOSHIBA CORP) 05.11.1999 Claim 1-2, Fig. 6-8, page [0027] ~ [0033]	1-4, 13, 22, 28
A	US 4543800 (White Consolidated Industries, Inc) 01.10.1985 Claim 1, Fig. 1, Col. 3-4	1, 6, 8, 13-16
A	US 5956967 (LG Electronics Co., Inc) 28.09.1999 Claim 1-2, Fig. 1,3, Col. 3-4	1, 6, 10-13, 28-30
A	US 5211462 (Sub-Zero Freezer Co., Inc) 18.05.1993 Claim 1-2, Fig. 1-3, Col. 2-3	1
A	KR 98-83727(SAMSUNG Electronics co.,LTD) 05.12.1998 Claim 1-2, Fig. 1-3, page 2, line 27-62	1

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

05 JULY 2004 (05.07.2004)

Date of mailing of the international search report

06 JULY 2004 (06.07.2004)

Name and mailing address of the ISA/KR



Korean Intellectual Property Office
920 Dunsan-dong, Seo-gu, Daejeon 302-701,
Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

SHIM, Jae Man

Telephone No. 82-42-481-5507



INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2004/000692

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 11-304331 A	05.11.1999	NONE	
US 4543800 A	01.10.1985	AU 582138 B2 AU 3863585 A CA 1240847 A1 IT 1182445 B IT 8567162 D0 JP 2106579 U JP 60188778 A	16.03.1989 22.08.1985 23.08.1988 05.10.1987 15.02.1985 24.08.1990 26.09.1958
US 5956967 A	28.09.1999	AU 730337 B2 AU 4930897 A CA 2225836 A1 CA 2225836 C CN 1135348 B CN 1212356 A GB 2329460 A GB 2329460 B GB 9727311 D0 JP 11108550 A KR 246399 B1	01.03.2001 15.04.1999 23.03.1999 11.03.2003 21.01.2004 31.03.1999 24.03.1999 30.01.2002 25.02.1998 23.04.1999 01.04.2000
US 5211462 A	18.05.1993	NONE	
KR 98-83727 A	05.12.1998	NONE	